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Figure 1

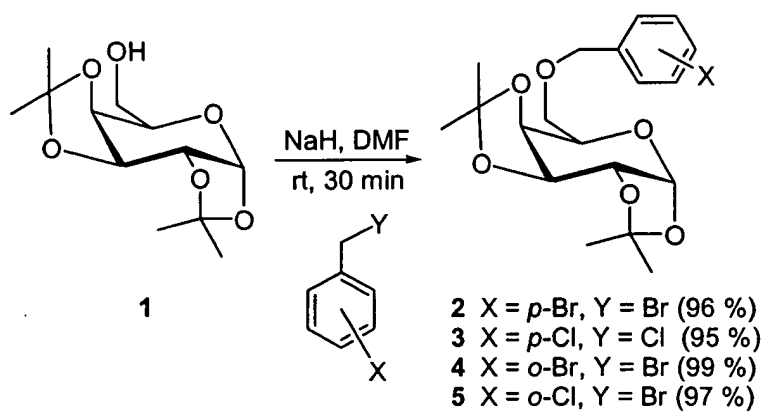


Figure 2

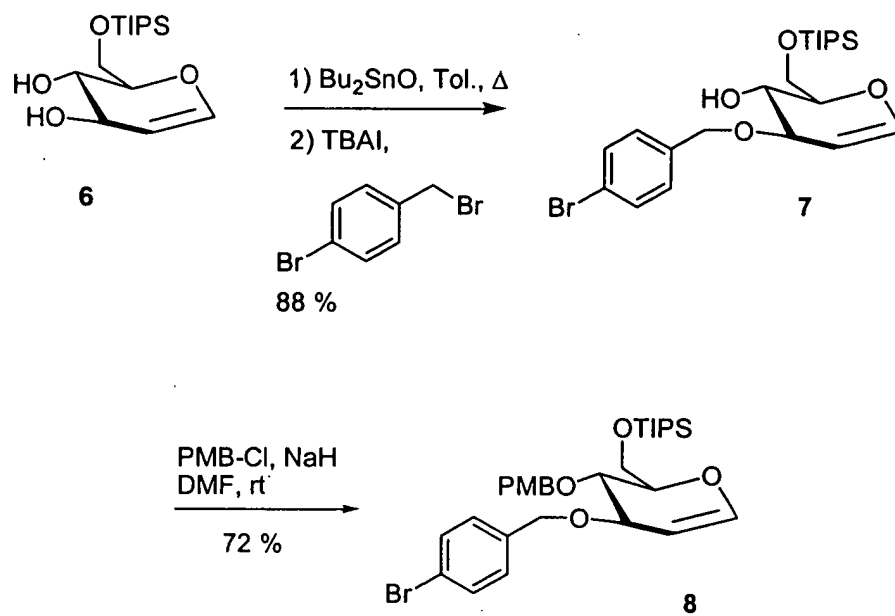


Figure 3

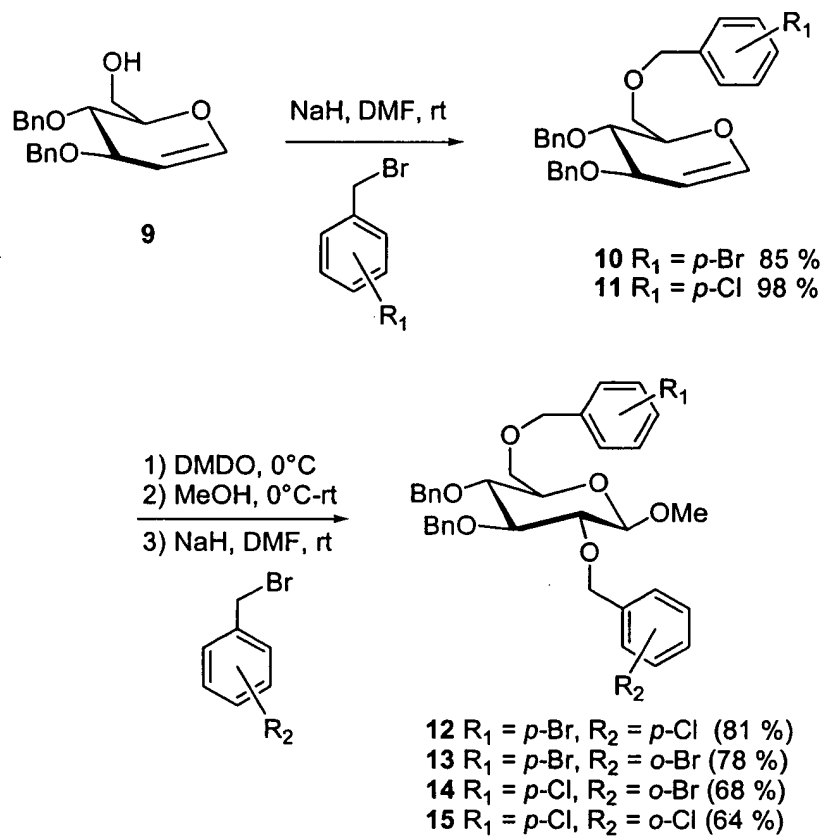


Figure 4

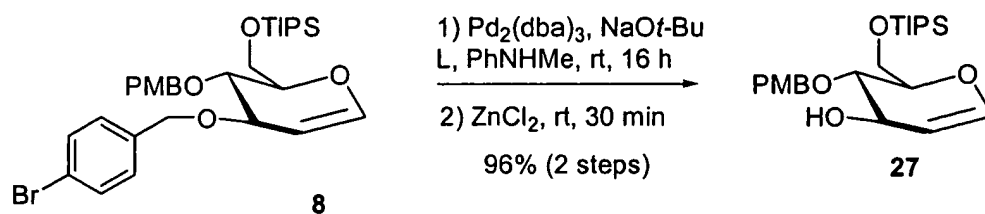


Figure 5

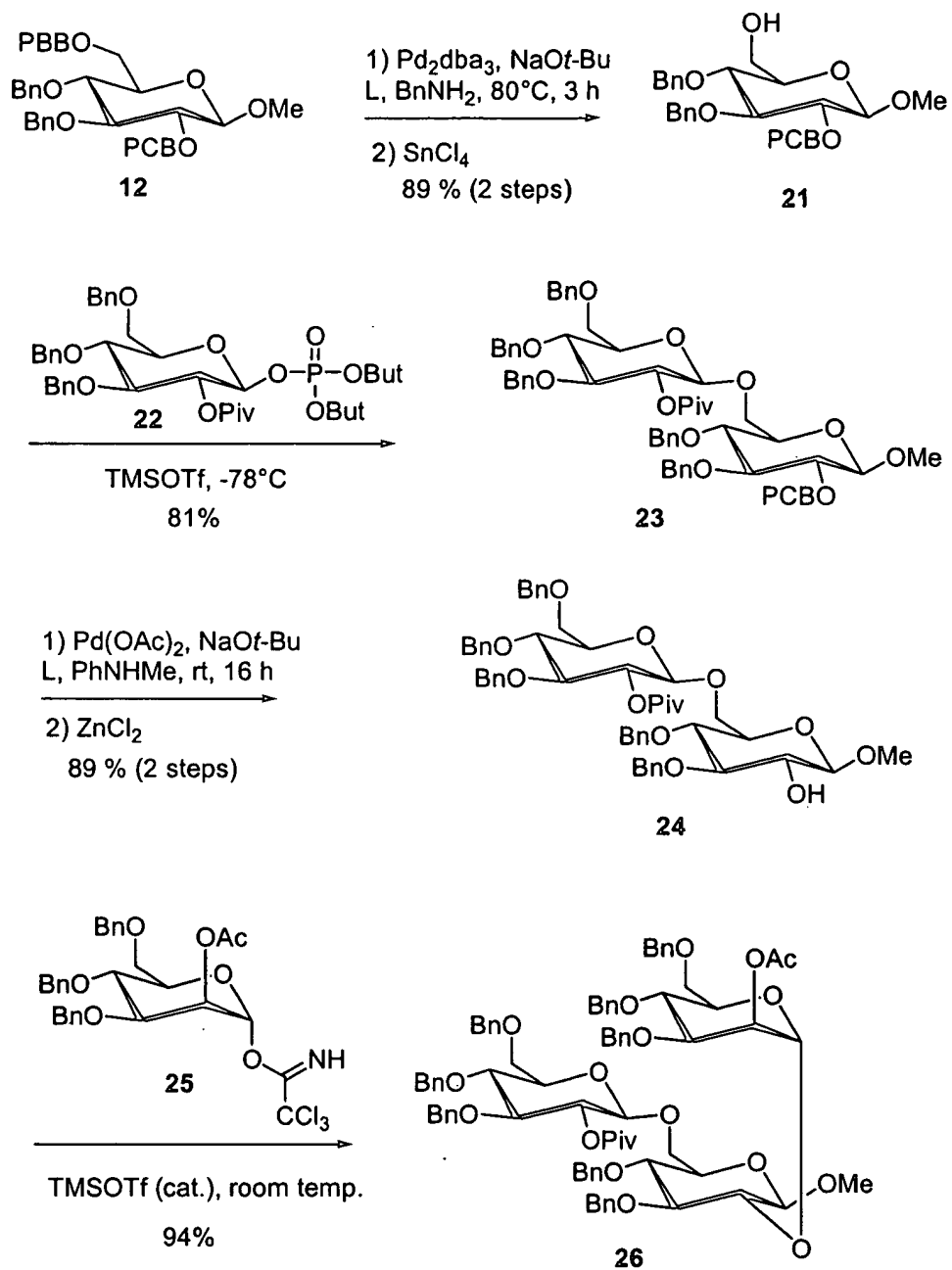
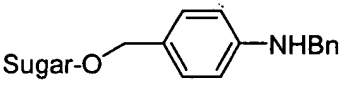
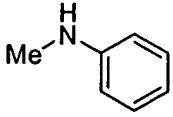
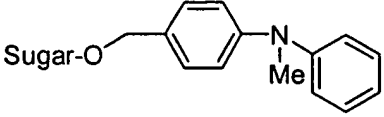
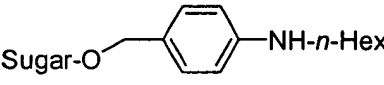
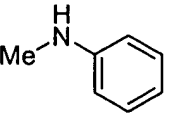
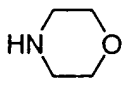
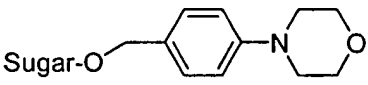
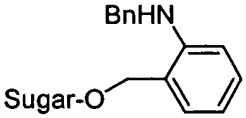


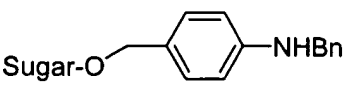
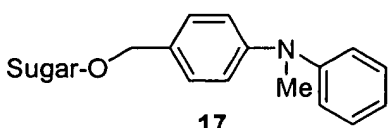
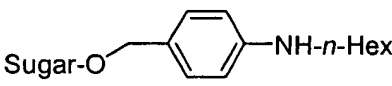
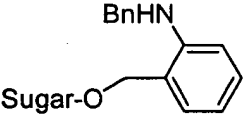
Figure 6

Pd Catalyzed Amination of Halogenated Benzyl Ether Protecting Groups

Halide	Amine	Product	Isolated Yield (%)
2	H ₂ N-Bn		16 91
			17 96
	H ₂ N- <i>n</i> -Hex		18 78
3		17	89
			19 95
4	H ₂ N-Bn		20 76

Halides 2, 3, and 4 are depicted in Figure 1.

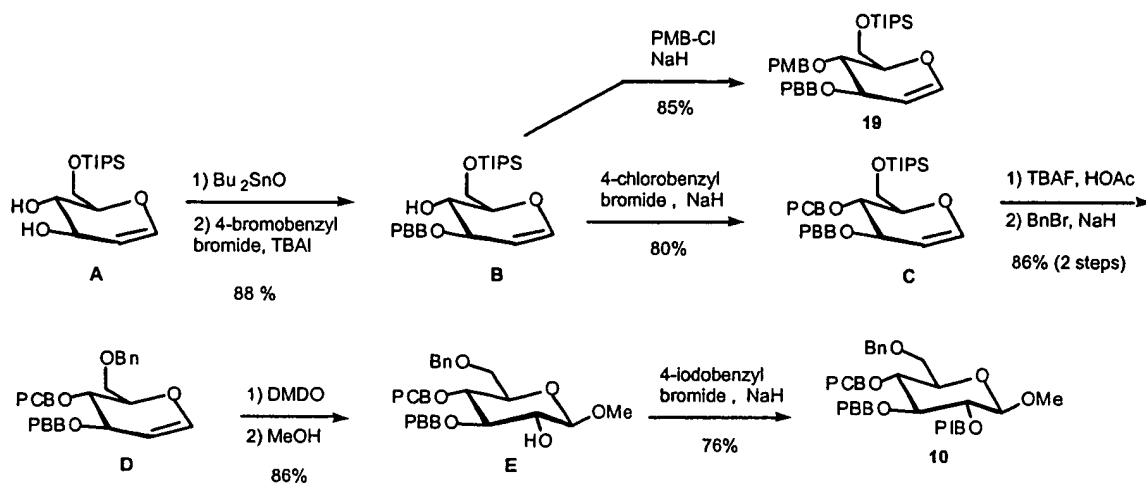
Figure 7

<i>Cleavage of Aminated Benzyl Ether Protecting Groups</i>			
Amine	Activator	Time	Yield
 16	TiCl ₄	5 min	100
	SnCl ₄	5 min	100
	ZnCl ₂	16 h	NR
	TMSOTf	1 h	decomp
	NaOMe	16 h	NR
	DDQ	30 min	~25
	CAN	30 min	~75
 17	TiCl ₄	5 min	100
	SnCl ₄	5 min	100
	ZnCl ₂	30 min	100
 18	TiCl ₄	5 min	~75
	ZnCl ₂	16 h	NR
19	TiCl ₄	5 min	~75
 20	TiCl ₄	5 min	100
	SnCl ₄	16 h	NR
	ZnCl ₂	16 h	NR

Compound 19 is depicted in Figure 6.

Figure 8

Synthesis of 10 and 19



Synthesis of 20-22

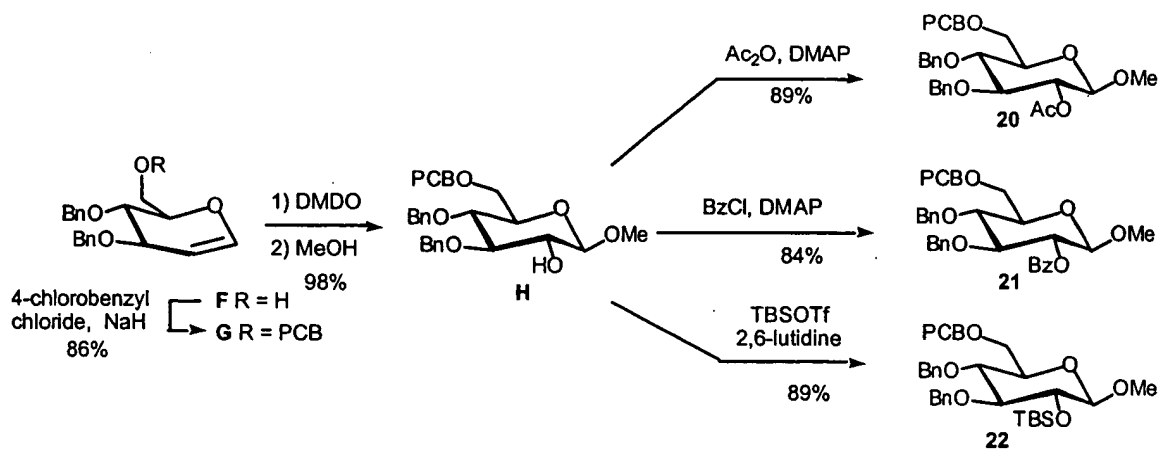
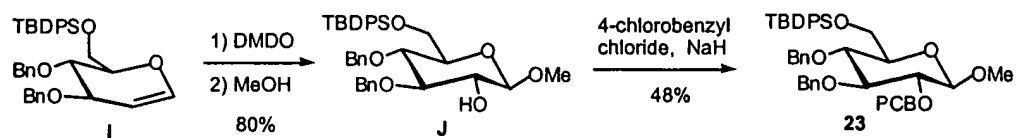


Figure 9

Synthesis of 23



Synthesis of 24

